

Title (en)

Large capacity multi-access wavelength division multiplexing packet network

Title (de)

Paketnetz hoher Kapazität mit Wellenlängenmultiplexvielfachzugriff

Title (fr)

Réseau de paquets à grande capacité d'accès multiple avec multiplexage en longueur d'onde

Publication

**EP 0660637 B1 20040519 (EN)**

Application

**EP 94309005 A 19941205**

Priority

US 17112793 A 19931221

Abstract (en)

[origin: EP0660637A2] The present invention relates to an optical communication system well-suited for local-area-network and optical switching applications requiring high bit rate transmission. The system provides collision-free reception, achieved by means of a novel fast-tunable optical filter that controls the packet flow. Reception acknowledgements are passively generated without the use of optical sources and are transported on the same packet network. <IMAGE>

IPC 1-7

**H04Q 11/00**; **H04L 12/56**; **H04L 12/28**

IPC 8 full level

**H04B 10/077** (2013.01); **H04B 10/20** (2006.01); **H04B 10/27** (2013.01); **H04B 10/294** (2013.01); **H04B 10/54** (2013.01); **H04B 10/564** (2013.01); **H04B 10/572** (2013.01); **H04J 14/00** (2006.01); **H04J 14/02** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04Q 11/00** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**EP 0660637 A2 19950628**; **EP 0660637 A3 19991124**; **EP 0660637 B1 20040519**; CA 2135327 A1 19950622; CA 2135327 C 19990914; DE 69433786 D1 20040624; DE 69433786 T2 20050623; JP 3266437 B2 20020318; JP H07202847 A 19950804; US 5455699 A 19951003

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